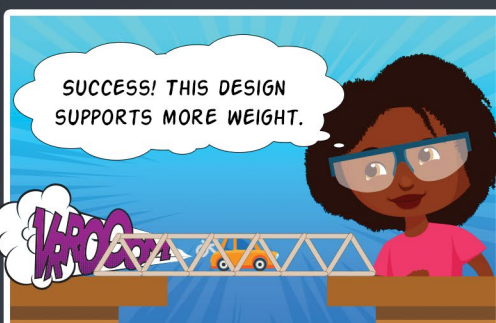


**OBSERVING, POSING QUESTIONS, MAKING SENSE OF REAL-WORLD OBJECTS AND EVENTS (PHENOMENA)**



IN PHYSICS CLASS, JENNY CAN'T WAIT TO INVESTIGATE WHAT MAKES HER HAIR STAND ON END.

**DESIGNING SOLUTIONS USING ENGINEERING AND TECHNOLOGY**

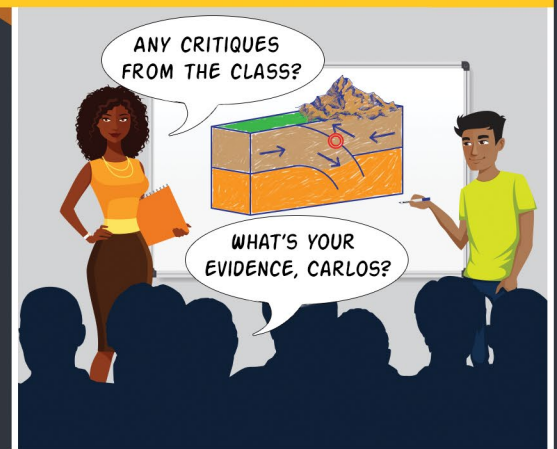


AFTER MANY DESIGN CHANGES, DEJA BUILT THE STRONGEST BRIDGE IN THE CLASS.

# How today's students learn SCIENCE



**DEVELOPING MODELS TO EXPLAIN REAL-WORLD OBJECTS OR EVENTS**



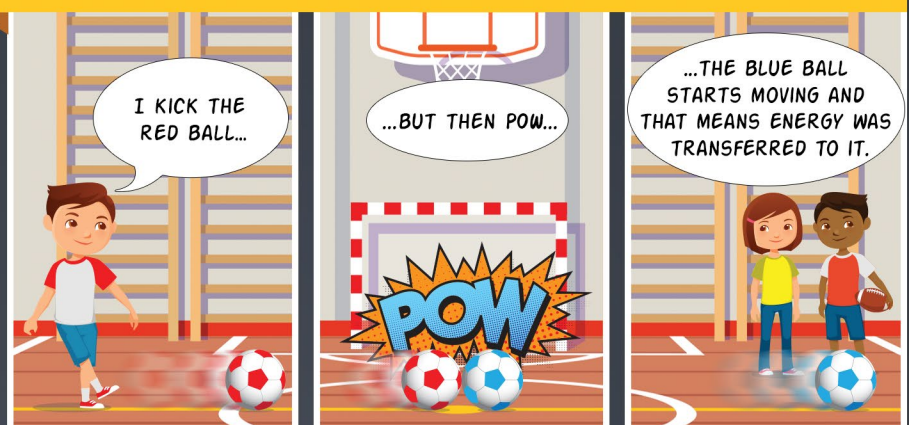
MEANWHILE, IN MS. STURGEON'S EARTH SCIENCE CLASS, CARLOS EXPLAINS HOW SOME MOUNTAINS FORM.

**PLANNING AND CARRYING OUT INVESTIGATIONS AND ANALYZING DATA**



STUDENTS INVESTIGATE THE QUALITY OF WATER IN A NEARBY POND.

**DISCUSSING, EXPLAINING, AND USING EVIDENCE FOR IDEAS**



IN THE GYM, BOBBY DEMONSTRATES AND EXPLAINS HIS IDEAS ABOUT ENERGY TRANSFER.

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